



## CLEANING COMPOUND MGS-94-08E

**1.0 DESCRIPTION.** This specification covers cleaning compounds, parts washer fluids and asphalt removers.

**2.0 MATERIALS.** All products shall be available in 1 gallon or larger containers and shall be provided in the quantity established in the purchase order.

**2.1 CLEANING COMPOUNDS.** Cleaning compounds include degreasers, wettable powder steam cleaning compounds, and liquid steam cleaning compounds to be used with a pressure sprayer or a steam cleaner. Cleaning compounds shall be water-based compounds designed to remove dirt, grease, tar, asphalt and oil from automobiles, trucks, and machinery.

**2.1.1** Cleaning compounds shall be nonflammable, biodegradable, shall not be harmful to glass, paint or metal, and shall be formulated to be diluted with water at a maximum rate of 2 ounces per gallon (1:64) (16 ml per Liter) of water for standard use. No other diluents shall be required or allowed for use.

**2.2 PARTS WASHER FLUID.** Parts washer fluid shall be designed to remove dirt, grease, tar, asphalt, oil, and other substances from various items.

**2.2.1** The fluid shall not be harmful to glass, paint, or metal surfaces. The fluid shall not require dilution for use.

**2.3 ASPHALT REMOVERS.** Asphalt removers shall be designed to remove tar, asphalt, oil, and other substances from machinery and tools.

**2.3.1** The remover shall be biodegradable and shall not be harmful to glass, paint, or metal surfaces. The remover shall not require dilution for use. When used as directed, the asphalt remover shall not be listed as a hazardous waste or meet any criteria for determining a hazardous waste as defined in U.S. EPA regulation 40 CFR Part 261 except that 40 CFR Part 261.21 (Characteristics of Ignitability) shall not apply.

## **2.4 LABELING.**

**2.4.1 CLEANING COMPOUNDS.** The containers for cleaning compound shall have affixed a label indicating the company and product name and clearly detailing the recommended dilution rates for standard and heavy duty cleaning.

**2.4.2 PARTS WASHER FLUID AND ASPHALT REMOVERS.** The containers for parts washer fluid and asphalt remover shall have affixed a label indicating the company and product name and any pertinent handling instructions.

**3.0 ORDERING INFORMATION.** The quantity of material and size of containers be in accordance with the order.

**4.0 BRAND NAME QUALIFICATION.** No bids will be accepted if the manufacturer and brand name of the cleaning compound, parts washer fluid, or asphalt remover have not been added to the qualified list. Inclusion on the qualified list may be based on documentation review, satisfactory test results, satisfactory field trial results, and compliance with this specification. Qualification determination will be at the standard dilution rate indicated on both

the product label and the product literature.

**4.1** A list of qualified brands is maintained in [FS-2060](#) of the Materials Manual. To be considered for qualification, the manufacturer shall submit to Construction-Materials, PO Box 270, Jefferson City, MO 65102, a one-gallon (four-liter) sample of liquid compounds or a ten-pound (5 Kg) sample of powdered compound. All samples shall be accompanied by a copy of the manufacturer's data sheet, handling and use instructions, the required certification and a material safety data sheet. Submittals that do not have all required documentation will not be considered.

**4.1.1** For cleaning compounds, the data sheet shall show the recommended dilution rates for standard and for heavy duty cleaning.

**4.1.2** For parts washer fluid, the data sheet shall include recommended handling procedures.

**4.1.3** For asphalt removers, the data sheet shall include recommended handling procedures. The manufacturer shall include with the product data, a manufacturer's guarantee stating that the product, when used as directed, is not listed as a hazardous waste and does not meet any criteria for determining a hazardous waste as defined in U.S. EPA regulation 40 CFR Part 261, except that 40 CFR Part 261.21 (Characteristics of Ignitability) shall not apply.

**4.2** If approved, the brand and manufacturer name and the acceptable dilution rate (if appropriate) will be added to the Qualified List for the correct application..

**5.0 DISQUALIFICATION.** If, through the course of field use, it is determined that the product does not perform satisfactorily or does not comply with any part of this specification, the material may be subject to removal from the qualified list and no subsequent purchase will be allowed.

**6.0 BID INFORMATION.** The bidder shall submit with the bid, a copy of the manufacturer's data sheet and a Material Safety Data Sheet. For cleaning compounds as defined in Sec 2.1 of this specification, the manufacturers data sheet shall include the recommended dilution rate for normal use.

**6.1** The bidder is advised that the maximum dilution rate allowed is 2 ounces per gallon (16 ml per Liter) for cleaning compounds as defined in Sec 2.1 of this specification. Lower dilution rates will be accepted, however, no adjustments will be made to the unit bid price to determine the lowest bidder.

**7.0 CERTIFICATION** The manufacturer shall supply a certification stating that the material meets the requirements of these specifications, that all compound that is to be provided will be the same material as that submitted for qualification and that the material is not harmful to glass, paint, or metal surfaces. Certification for cleaning compounds as defined in Sec. 2.1 or Sec 2.3 of this specification shall include the statement that the product is biodegradable. Certification for asphalt removers shall also include a copy of the manufacturer's guarantee statement. All certifications shall be signed by an authorized representative of the manufacturer and shall be notarized. The certification shall be accompanied by product use and handling instructions. In addition, the certification shall accompany the shipment to the destination set forth in the purchase order.



**8.0 ACCEPTANCE.** Material governed by this specification will be accepted based upon receipt of the required certification, any sampling and testing deemed necessary by the department, complete compliance with this specification, and upon satisfactory field performance.